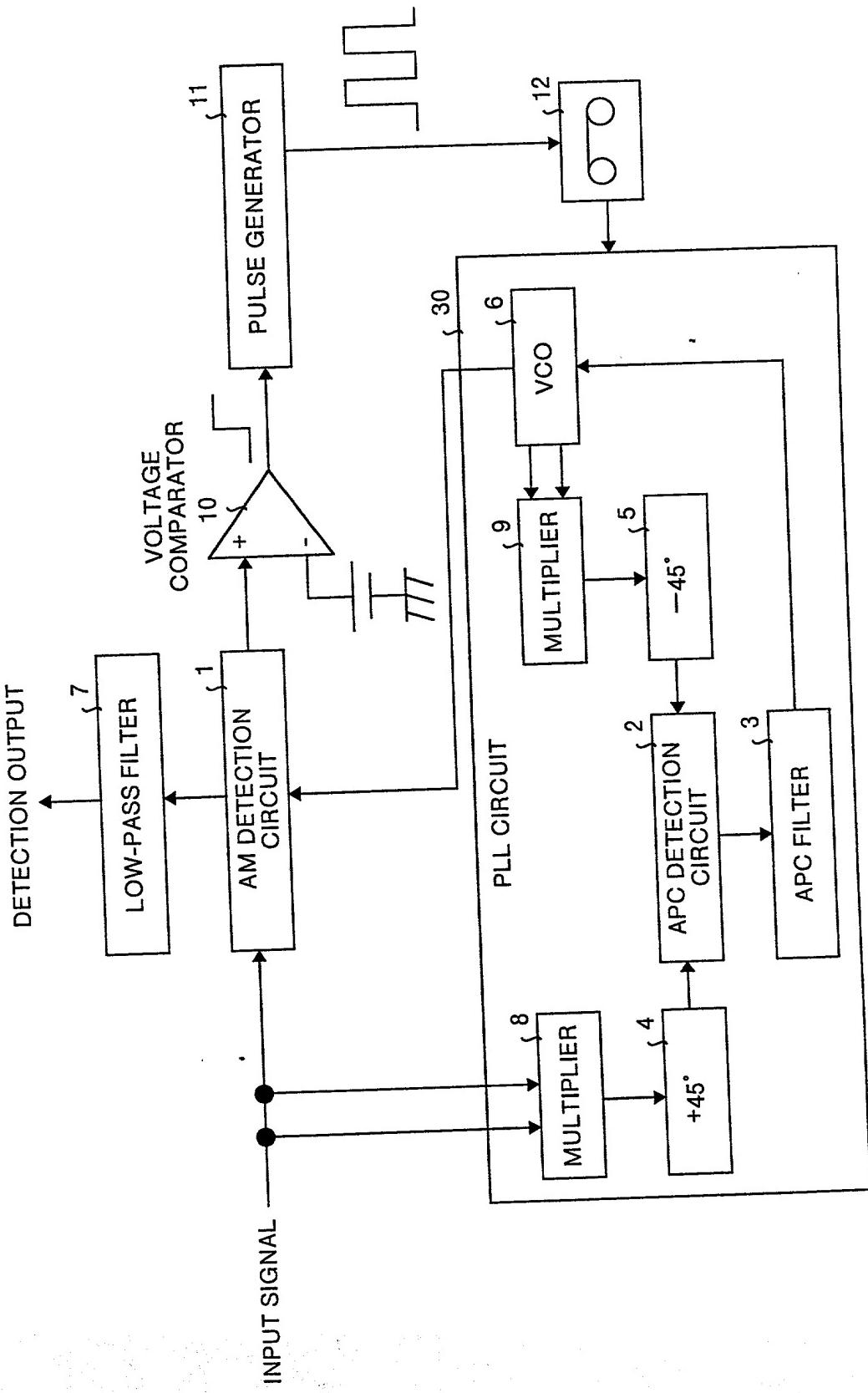


FIG. 1



Title: AM DEMODULATOR
Inventors: Osamu NISHIKIDO
Atty Docket No.: 401442
Leydig, Voit & Mayer, Ltd. 202-737-6770

2/10

FIG.2A

INPUT SIGNAL

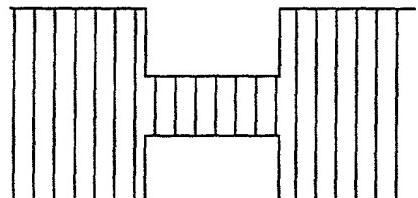
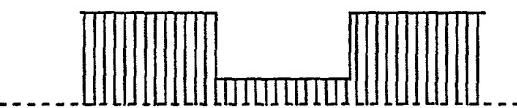


FIG.2B

PHASE
DIFFERENCE 0°

NON-SIGNAL
POTENTIAL



PHASE
DIFFERENCE 180°

NON-SIGNAL
POTENTIAL

FIG.2C

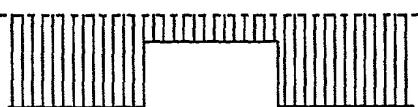


FIG.3

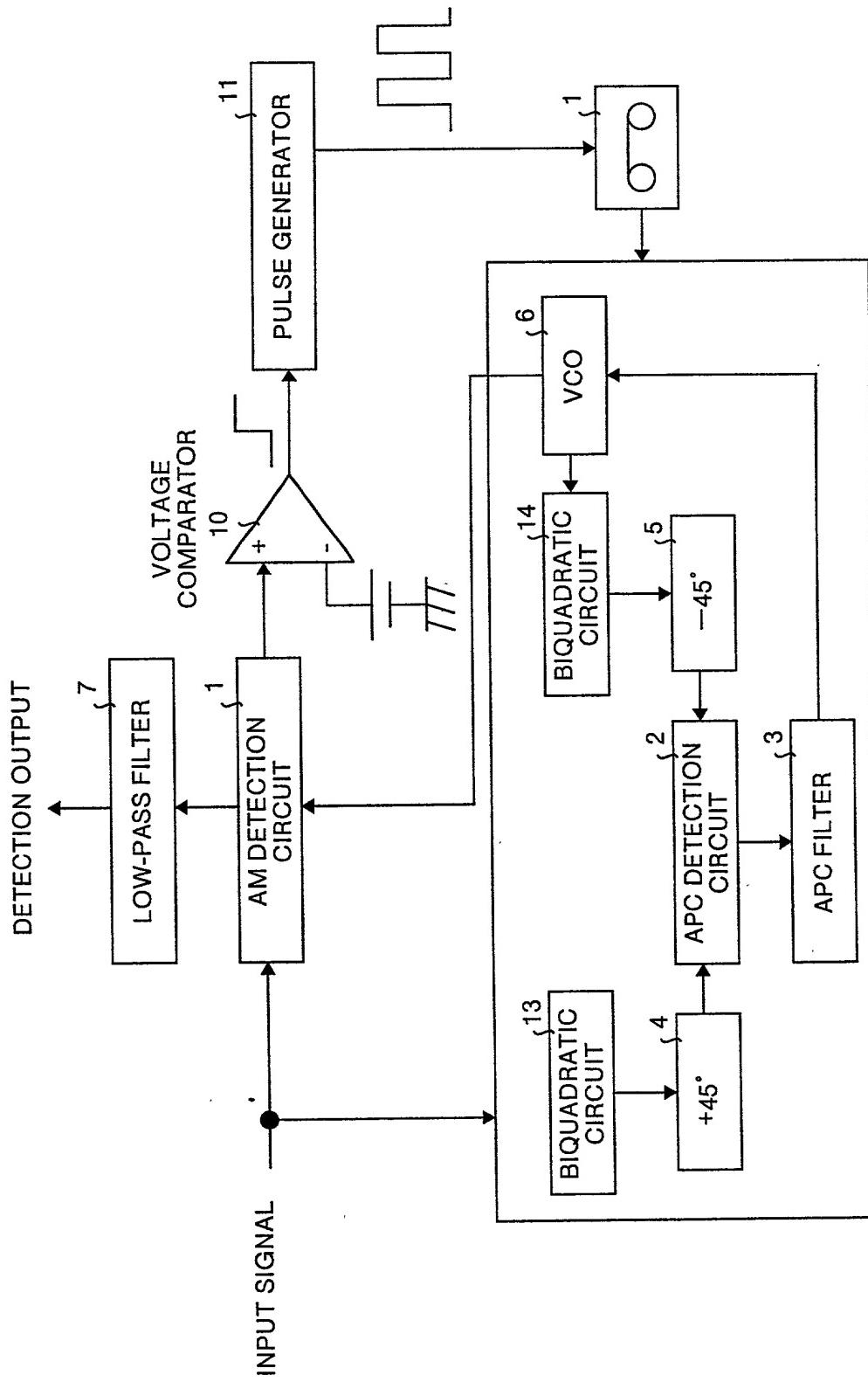


FIG.4A

INPUT SIGNAL

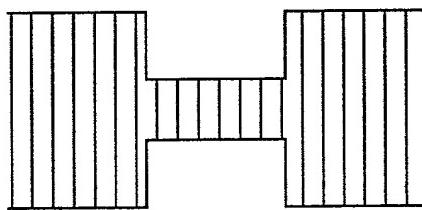


FIG.4B

PHASE
DIFFERENCE 0°

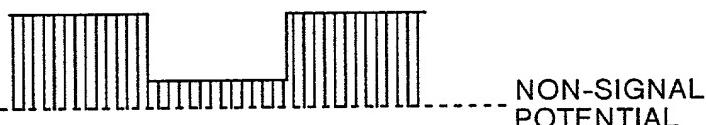


FIG.4C

PHASE
DIFFERENCE 90°

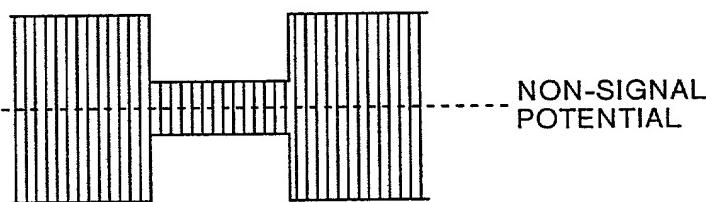


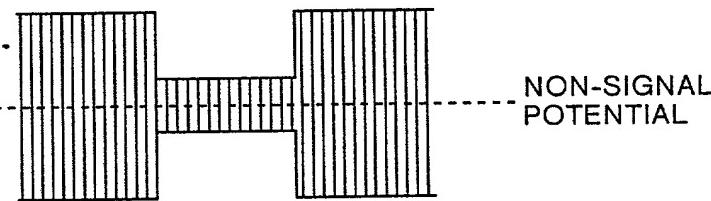
FIG.4D

PHASE
DIFFERENCE 180°



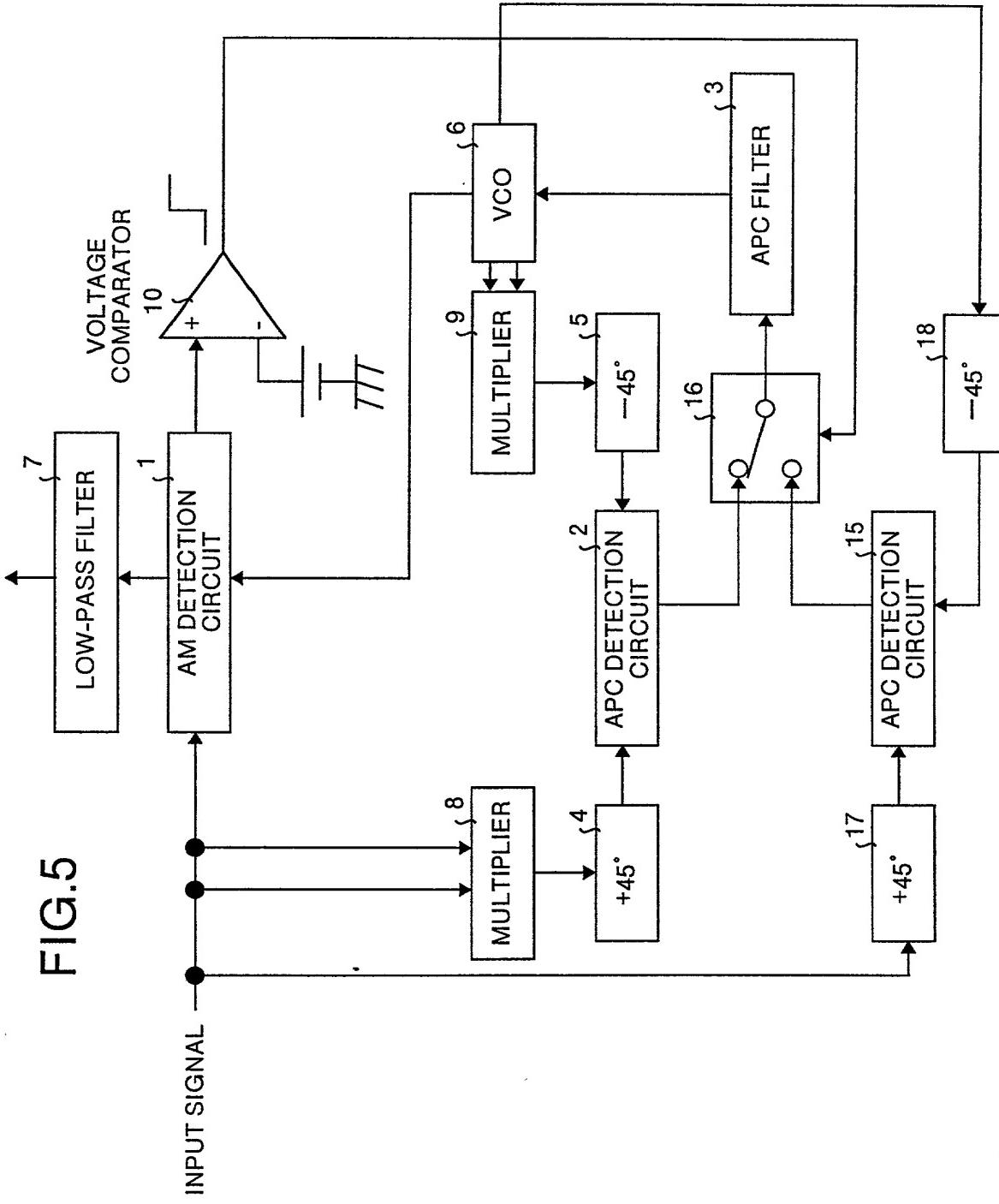
FIG.4E

PHASE
DIFFERENCE 270°



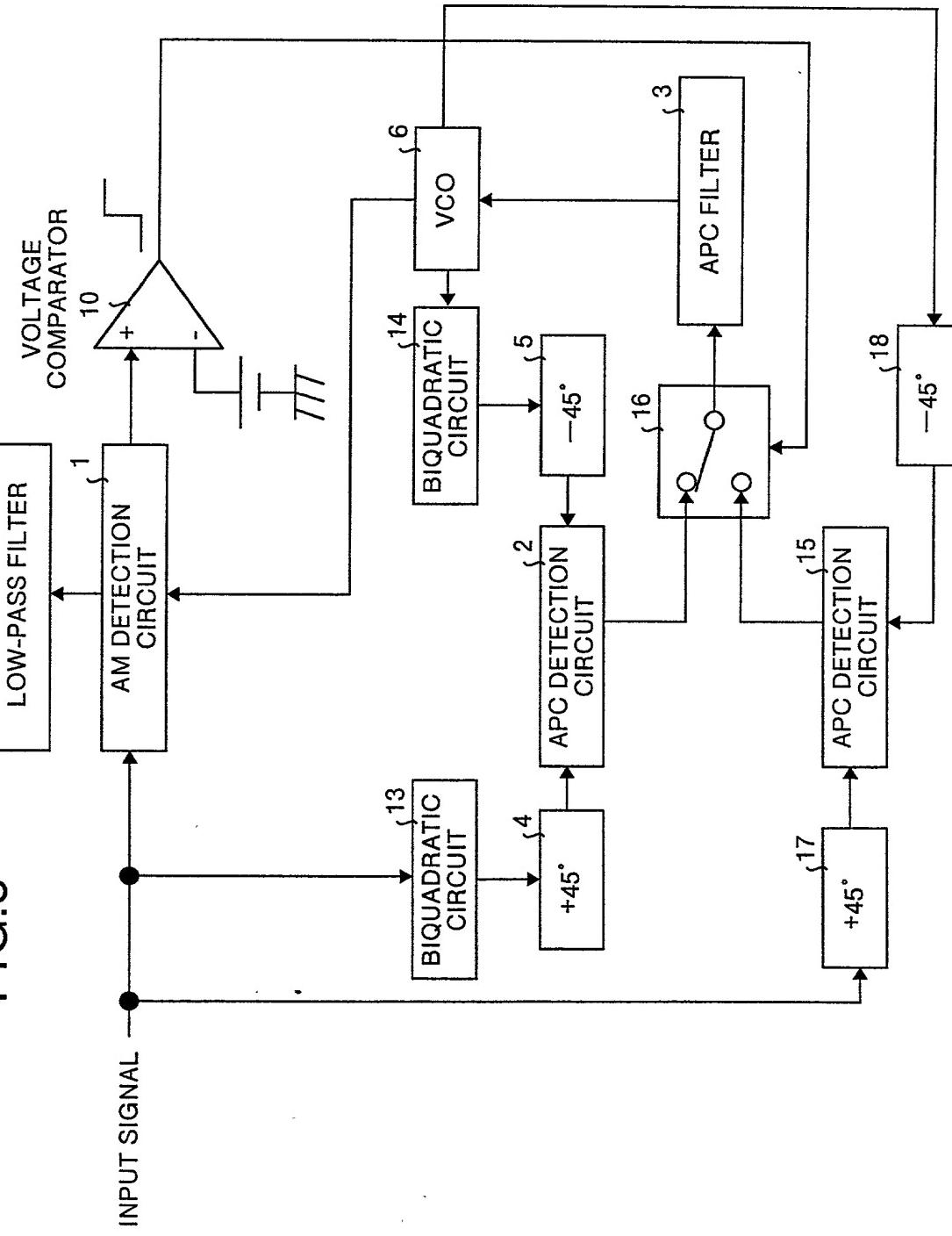
DETECTION OUTPUT

FIG.5



DETECTION OUTPUT

FIG.6



DETECTION OUTPUT

FIG. 7

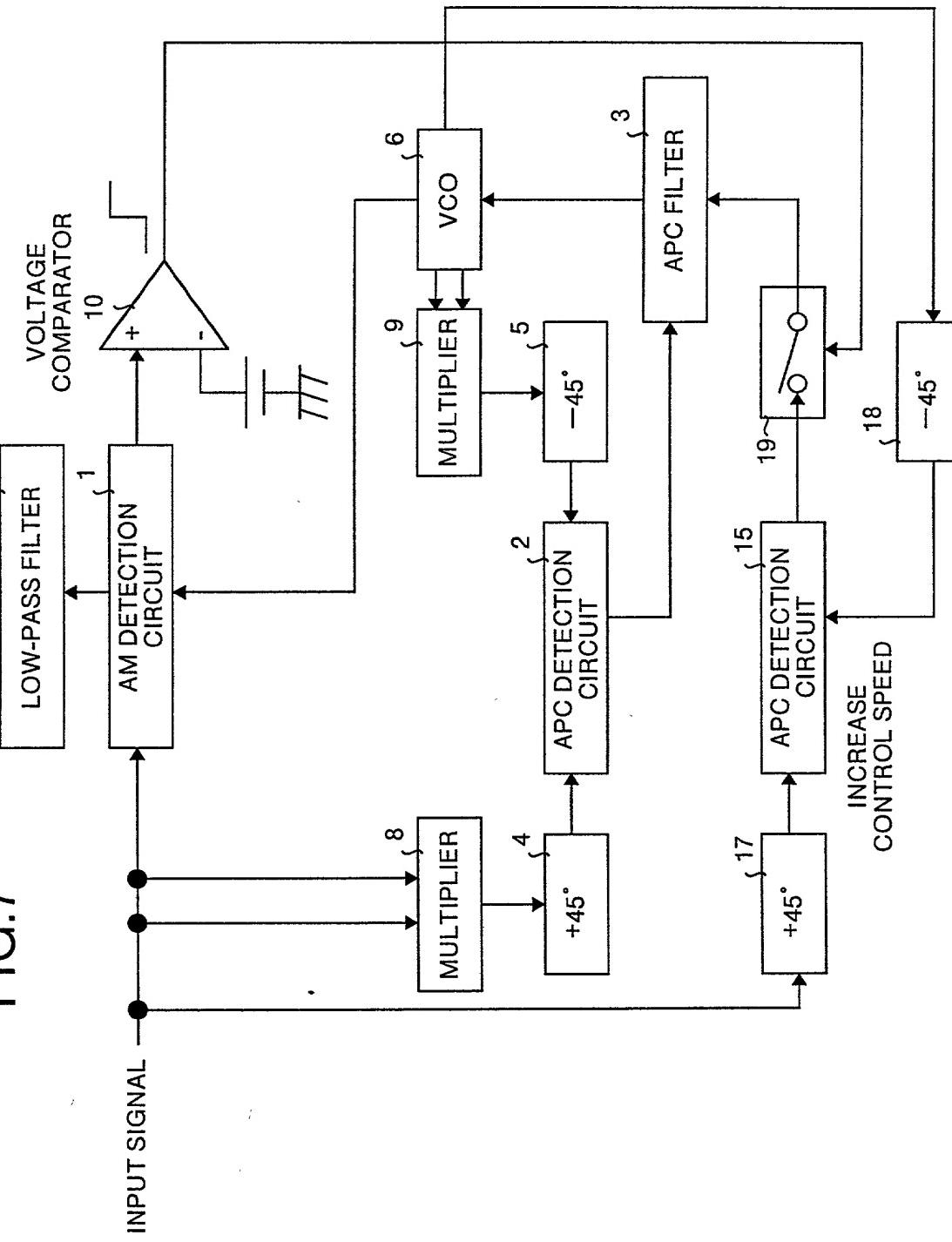
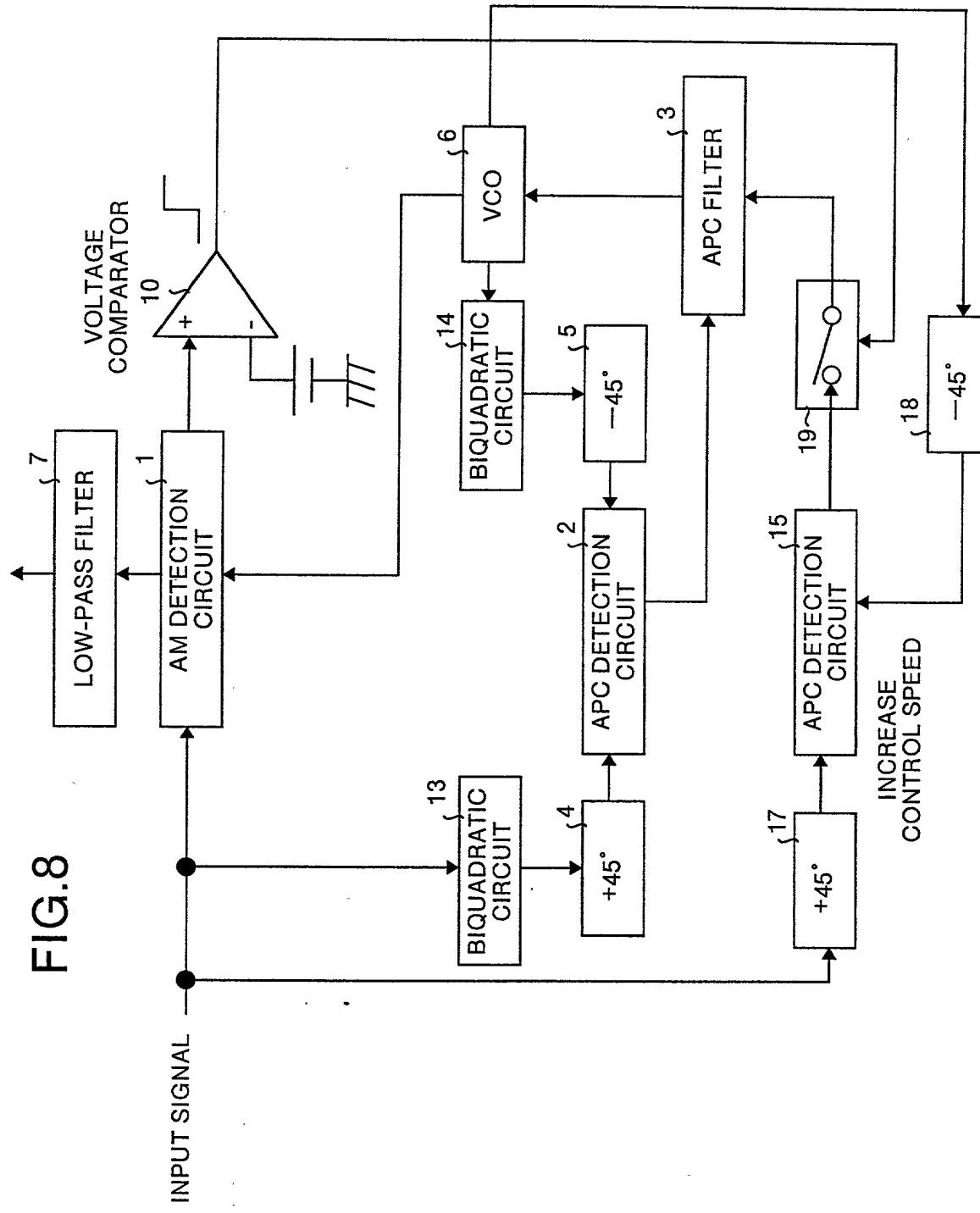


FIGURE ELEVEN

FIG.8



DETECTION OUTPUT

FIG.9

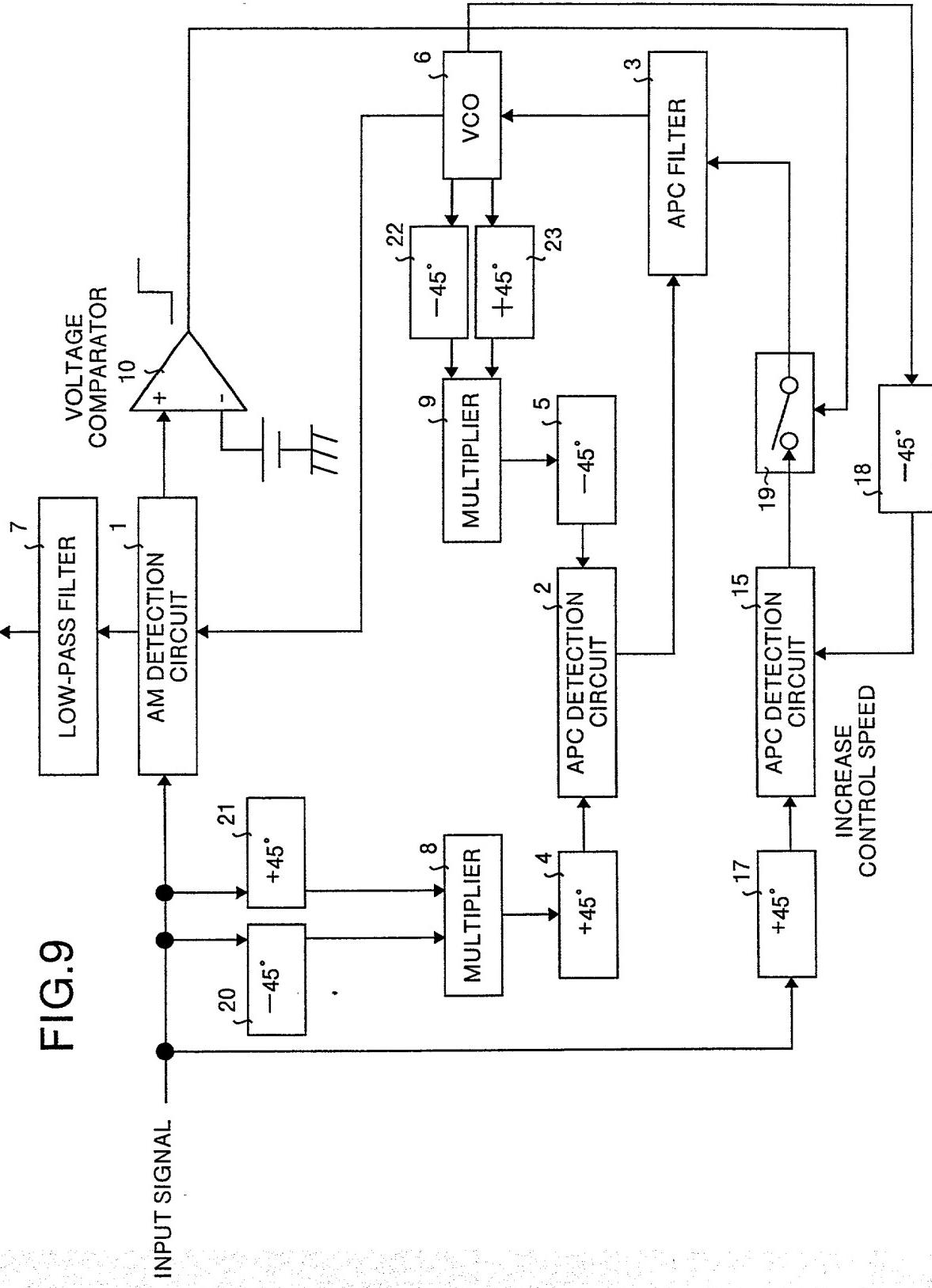


FIG.10

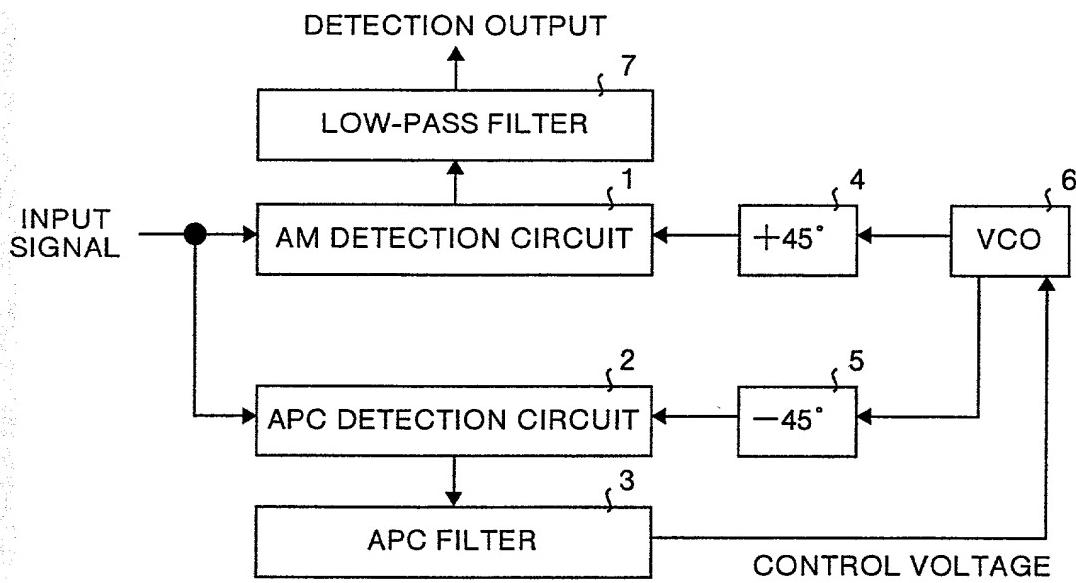


FIG.11A

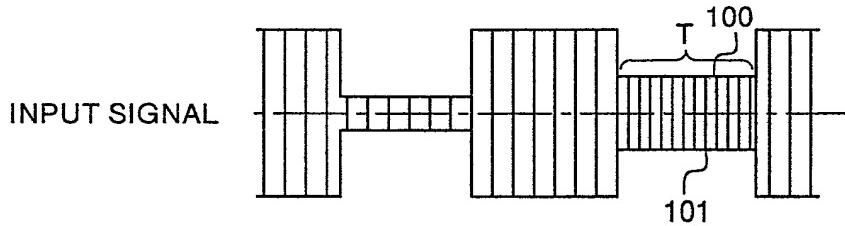


FIG.11B

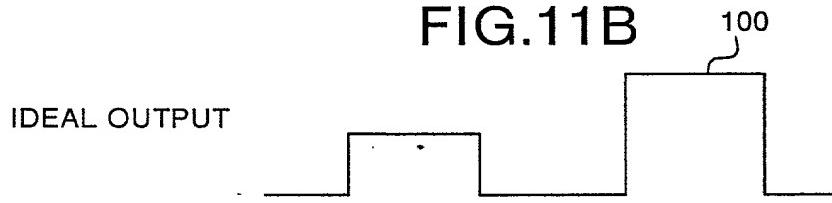


FIG.11C

